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Release 3.1A John F. Collins, Biocomputing Research Unit.
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MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 10:32:13 2000; MasPar time 73.33 Seconds
1179.143 Million cell updates/sec
lar output not generated.

Title: >US-08-978-217-15
Description: (5401-6400) from US08978217.seq (7 of 10)
Perfect Score: 1000
N.A. Sequence: 5401 ACGGTAAGCTCTAAGGGCTG.....CGTGGCCCAACTCTGGGGCC 6400
Comp: TGCCATTCGAGATTCCCGAC.....GCACCGGGTTGAGACCCCGG

Scoring table: TABLE default
Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.538; Variance 4.198; scale 2.034

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description	Pred. No.
	1	107	10.7	1920	3	US-08-746-	Sequence 1, Applicatio	3.45e-65
	2	69	6.9	7218	2	US-08-232-	Sequence 14, Applicati	1.00e-34
	3	37	3.7	965	3	US-08-388-	Sequence 22, Applicati	7.69e-11
c	4	35	3.5	215	1	US-08-238-	Sequence 5, Applicatio	1.84e-09
c	5	34	3.4	965	3	US-08-388-	Sequence 22, Applicati	8.81e-09
	6	30	3.0	215	1	US-08-238-	Sequence 5, Applicatio	4.03e-06
c	7	30	3.0	7218	2	US-08-232-	Sequence 14, Applicati	4.03e-06
c	8	25	2.5	81	4	PCT-US95-1	Sequence 98, Applicati	5.71e-03
c	9	25	2.5	81	4	PCT-US95-1	Sequence 92, Applicati	5.71e-03
	10	25	2.5	242	1	US-08-273-	Sequence 1, Applicatio	5.71e-03
c	11	24	2.4	74	4	PCT-US95-1	Sequence 100, Applicat	2.28e-02
c	12	24	2.4	74	4	PCT-US95-1	Sequence 94, Applicati	2.28e-02
c	13	24	2.4	242	1	US-08-273-	Sequence 1, Applicatio	2.28e-02
c	14	23	2.3	56	4	PCT-US95-1	Sequence 87, Applicati	8.86e-02
c	15	23	2.3	69	1	US-08-471-	Sequence 142, Applicat	8.86e-02
	16	23	2.3	74	4	PCT-US95-1	Sequence 94, Applicati	8.86e-02
	17	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	8.86e-02
	18	23	2.3	75	4	PCT-US95-1	Sequence 99, Applicati	8.86e-02
	19	23	2.3	81	4	PCT-US95-1	Sequence 98, Applicati	8.86e-02
	20	23	2.3	81	4	PCT-US95-1	Sequence 92, Applicati	8.86e-02
	21	23	2.3	82	4	PCT-US95-1	Sequence 97, Applicati	8.86e-02
c	22	23	2.3	82	4	PCT-US95-1	Sequence 97, Applicati	8.86e-02
	23	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
	24	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
	25	23	2.3	9515	3	US-08-362-	Sequence 13, Applicati	8.86e-02
	26	23	2.3	9515	3	US-08-920-	Sequence 13, Applicati	8.86e-02
	27	23	2.3	9515	3	US-08-921-	Sequence 13, Applicati	8.86e-02
	28	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	3.35e-01
c	29	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	3.35e-01
	30	22	2.2	69	1	US-08-471-	Sequence 142, Applicat	3.35e-01
c	31	22	2.2	75	4	PCT-US95-1	Sequence 99, Applicati	3.35e-01
c	32	22	2.2	774	4	PCT-US91-0	Sequence 1, Applicatio	3.35e-01
	33	22	2.2	26700	3	US-08-488-	Sequence 5, Applicatio	3.35e-01
	34	22	2.2	26700	2	US-08-472-	Sequence 1, Applicatio	3.35e-01
c	35	21	2.1	63	5	5213972-2	Patent No. 5213972.	1.23e+00
c	36	21	2.1	66	4	PCT-US95-1	Sequence 93, Applicati	1.23e+00
	37	21	2.1	92	3	US-08-353-	Sequence 16, Applicati	1.23e+00
c	38	21	2.1	105	1	US-07-865-	Sequence 13, Applicati	1.23e+00
	39	21	2.1	826	1	US-08-631-	Sequence 10, Applicati	1.23e+00
	40	21	2.1	826	3	US-08-829-	Sequence 10, Applicati	1.23e+00
	41	21	2.1	826	3	US-08-922-	Sequence 10, Applicati	1.23e+00
	42	21	2.1	1426	3	US-08-714-	Sequence 6, Applicatio	1.23e+00
	43	21	2.1	2040	3	US-08-829-	Sequence 7, Applicatio	1.23e+00
	44	21	2.1	2040	3	US-08-922-	Sequence 7, Applicatio	1.23e+00
	45	21	2.1	3060	3	US-08-714-	Sequence 26, Applicati	1.23e+00

ALIGNMENTS

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RESULT    1
ID   US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application US/08746789A
CC   Sequence 1, Application US/08746789A
CC   Patent No. 5789200
CC    GENERAL INFORMATION:
CC      APPLICANT:  Ismail Kola, Martin J. Tymms, Christine DeBouck
CC      TITLE OF INVENTION:  A No. 5789200el Human ETS Family Member, ELF3
CC      NUMBER OF SEQUENCES:  4
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  SmithKline Beecham Corporation
CC        STREET:  709 Swedeland Road, P.O. Box 1539
CC        CITY:  King of Prussia
CC        STATE:  PA
CC        COUNTRY:  USA
CC        ZIP:  19406-0939
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
CC        COMPUTER:  IBM 486
CC        OPERATING SYSTEM:  WINDOWS FOR WORKGROUPS
CC        SOFTWARE:  MICROSOFT WORD
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/746,789A
CC        FILING DATE:  No. 5789200ember 15, 1996
CC        CLASSIFICATION:  514
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:
CC        FILING DATE:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  William T. Han
CC        REGISTRATION NUMBER:  34,344
CC        REFERENCE/DOCKET NUMBER:  ATG 50024
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  610 270 5219
CC        TELEFAX:  610 270 4026
CC    INFORMATION FOR SEQ ID NO:  1:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  1920
CC        TYPE:  Nucleic Acid
CC        STRANDEDNESS:  Single
CC        TOPOLOGY:  Linear
CC      ANTI-SENSE:  No
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SQ   SEQUENCE 1920 BP; 422 A; 561 C; 550 G; 387 T; 0 OTHER.

  Query Match           10.7%;  Score 107;  DB 3;  Length 1920;
  Best Local Similarity  87.4%;  Pred. No. 3.45e-65;
  Matches  125;  Conservative    0;  Mismatches  18;  Indels   0;  Gaps   0;

Db     919 GCGCCCAGAGGCACCCACCTGTGGGAGTTCATCCGGGACATCCTCATCCACCCGGAGCTC 978
           || |||||||| || ||||||||||||||| ||||| |||||||| |||||||| ||||||
Qy    6256 GCCCCCAGAGGTACTCACCTGTGGGAGTTTATCCGAGACATCCTAATCCACCCCGAGCTC 6315

Db     979 AACGAGGGCCTCATGAAGTGGGAGAATCGGCATGAAGGCGTCTTCAAGTTCCTGCGCTCC 1038
           ||||| |||||||||||||||||||| ||||| || || || |||||||| || |||||
Qy    6316 AACGAAGGCCTCATGAAGTGGGAGAACCGGCACGAGGGTGTGTTCAAGTTTCTTCGCTCA 6375

Db    1039 GAGGCTGTGGCCCAACTATGGGG 1061
           ||||| |||||||||||| |||||
Qy    6376 GAGGCCGTGGCCCAACTCTGGGG 6398


RESULT    2
I     US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
A     xxxxxx
D
DE    Sequence 14, Application US/08232463
CC    Sequence 14, Application US/08232463
CC    Patent No. 5670367
CC     GENERAL INFORMATION:
CC       APPLICANT:  DORNER, F.
CC       APPLICANT:  SCHEIFLINGER, F.
CC       APPLICANT:  FALKNER, F. G.
CC       TITLE OF INVENTION:  RECOMBINANT FOWLPOX VIRUS
CC       NUMBER OF SEQUENCES:  52
CC       CORRESPONDENCE ADDRESS:
CC         ADDRESSEE:  Foley & Lardner
CC         STREET:  1800 Diagonal Road, Suite 500
CC         CITY:  Alexandria
CC         STATE:  VA
CC         COUNTRY:  USA
CC         ZIP:  22313-0299
CC       COMPUTER READABLE FORM:
CC         MEDIUM TYPE:  Floppy disk
CC         COMPUTER:  IBM PC compatible
CC         OPERATING SYSTEM:  PC-DOS/MS-DOS
CC         SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC       CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER:  US/08/232,463
CC         FILING DATE:
CC         CLASSIFICATION:  435
          PRIOR APPLICATION DATA:
            APPLICATION NUMBER:  US/07/935,313
            FILING DATE:
CC          APPLICATION NUMBER:  EP 91 114 300.6
CC          FILING DATE:  26-AUG-1991
CC       ATTORNEY/AGENT INFORMATION:
CC         NAME:  BENT, Stephen A.
CC         REGISTRATION NUMBER:  29,768
CC         REFERENCE/DOCKET NUMBER:  30472/114 IMMU
CC       TELECOMMUNICATION INFORMATION:
CC         TELEPHONE:  (703)836-9300
CC         TELEFAX:  (703)683-4109
CC         TELEX:  899149
CC     INFORMATION FOR SEQ ID NO:  14:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH:  7218 base pairs
CC         TYPE:  nucleic acid
CC         STRANDEDNESS:  single
CC         TOPOLOGY:  linear
CC       IMMEDIATE SOURCE:
CC         CLONE:  pTZgpt-Fls
SQ   SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.

  Query Match           6.9%;  Score 69;  DB 2;  Length 7218;
  Best Local Similarity  0.7%;  Pred. No. 1.00e-34;
  Matches    2;  Conservative  183;  Mismatches  116;  Indels   0;  Gaps   0;

Db    1064 GATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1123
           || ::::  :::: : : ::::  :: ::::   :: :::     :: ::::     ::
Qy    5745 GAGCCTCGGGCCTTGTGTGCTCCAGCTGCTCTGAACCACCTGGAGGTCACCCCAAAGGTC 5804

Db    1124 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1183
           :: ::: :: :::::::: : : : :   ::: : : : : : :::::  ::: ::::::
Qy    5805 TTGCCTGCCGCCTCTTCCATACACACAGACCTGCACGTATGCACTCCTGGCCTGCTTTCC 5864

Db    1184 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1243
           ::::: ::::       :: ::  ::::      :: ::::::  ::::::   :: :
Qy    5865 TTCTTGTCCCGAGGGGACTGTTAATTCCGGGAAGCTGTTTCTTGGTCCCTCAGGCTATAG 5924

Db    1244 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1303
            :  :::::  :::: : : : ::   ::::: :: :: ::  ::::: ::   :: :
Qy    5925 GCAGCTCTCTGACCCCATGTGTGCCAAGTTCTCACCACCACTGGTCCCCACTGAACCATG 5984

Db    1304 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1363
             :::::::: :       : : ::::: :: :: ::: :::: ::  :: ::: ::::
Qy    5985 AGCCCCCTCACAAAGAAGCGTGTCTCTGTCGCTGTCCATCTTAACCAGTTGTTTGATCCT 6044

Db    1364 Y 1364
           :
Qy    6045 T 6045


RESULT    3
ID    US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC    xxxxxx
DT
DE    Sequence 22, Application US/08388672A
CC    Sequence 22, Application US/08388672A
CC    Patent No. 5795961
CC     GENERAL INFORMATION:
CC       APPLICANT:  Wallace, T. Paul
CC       APPLICANT:  Harris, William J.
CC       APPLICANT:  Carr, Frank J.
CC       APPLICANT:  Old, Lloyd J.
CC       APPLICANT:  Welt, Sydney
CC       APPLICANT:  Kitamura, Kunio
CC       TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC       TITLE OF INVENTION:  Antibodies
CC       NUMBER OF SEQUENCES:  25
CC       CORRESPONDENCE ADDRESS:
CC         ADDRESSEE:  Felfe and Lynch
CC         STREET:  805 Third Avenue
CC         CITY:  New York
CC         STATE:  New York
CC         COUNTRY:  U.S.A.
CC         ZIP:  10022
CC       COMPUTER READABLE FORM:
CC         MEDIUM TYPE:  Floppy disk
CC         COMPUTER:  IBM PC compatible
CC         OPERATING SYSTEM:  PC-DOS/MS-DOS
CC         SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC       CURRENT APPLICATION DATA:
CC         APPLICATION NUMBER:  US/08/388,672A
CC         FILING DATE:  14-FEB-1995
CC         CLASSIFICATION:
CC       ATTORNEY/AGENT INFORMATION:
CC         NAME:  Hanson, No. 5795961man D.
CC         REGISTRATION NUMBER:  30,946
CC         REFERENCE/DOCKET NUMBER:  LUD 5409
CC       TELECOMMUNICATION INFORMATION:
CC         TELEPHONE:  212-688-9200
CC         TELEFAX:  212-838-3884
CC     INFORMATION FOR SEQ ID NO:  22:
CC       SEQUENCE CHARACTERISTICS:
CC         LENGTH:  965 base pairs
CC         TYPE:  nucleic acid
CC         STRANDEDNESS:  unknown
CC         TOPOLOGY:  unknown
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